

Appendix A: Chicago Z5538

Field Notes and Pictures

Utility: ComEd Investigators: J. Stutsman & J. Spencer

| Feeder | Voltage | Location | Date | Description |
|--------|---------|-------------------|--------|---|
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Clearance, Cottonwood tree overhangs lines in Alleyway 50 yards north of E131st St between S Houston Av & S Baltimore Av near Transformer 10663302 |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, Locust Tree into Primary and Silver Maple into Primary in Alleyway 40 & 70 yards respectively north of E131st St between S Carondolet Av & S Houston Av near (just south of) Transformer 10663201 |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Bad pole top in alleyway south of 131st St. between S Baltimore Av & S Brandon Av 2nd pole north from Transformer; Can see daylight thru top by bolt; 12kV – See Picture A1 |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Bad pole top on 1st pole north of E 132nd St in Alleyway between S Baltimore Av & S Brandon Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact -- Tree Clearance S side of 132nd St. in alleyway between S. Burley Av & S Brandon Av; Looks like tree wire (insulated wire)* |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact -- Tree Clearance in alleyway between S. Burley Av & S. Brandon Av south of 132nd St. about 75 yards; Looks like tree wire (insulated wire)* |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Corner not guyed where primary trunk turns south and tap goes north on E 133rd St at alleyway between S Exchange Av & S Commercial Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, looks like Sycamores trees, near corner of E 133rd St and S Commercial Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, looks like Sycamores trees, 40 yards east of corner of E 133rd St and S Commercial Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, near corner of E 133rd St and S Carondolet Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, 50 yards south of E 133rd in alleyway between S Commercial Av & S Carondolet Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, 50 yards south of E 133rd in Alleyway between S Carondolet Av & S Houston Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, Cottonwood, 40 yards north of E 134th St in alleyway between S Carondolet Av & S Houston Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, Locust, 20 yards north of E 134th St in alleyway between S Carondolet Av & S Houston Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, Cottonwood, -- In alleyway approx 120 yards north of E 134th St between S Houston Av & S Baltimore Av; Cottonwood Branch laying on primary near open delta transformer bank* |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Clearance, Soft Maple tree, overhanging and close branches, in alleyway 50yards north of E 134th St between S Burley Av & S Buffalo Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, tree laying on primary, insulated wire, near corner of S Buffalo Av & E 133rd St |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree troubles, contact & clearance, along stretch from corner of S Buffalo Av & E 133rd St to end of primary Trunk at Transformer bank 10870901 |

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|-------|--------|-------------------|--------|---|
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Clearance, Black tree wire, (insulated wire) just north of Transformer 10871041 in alleyway between S Buffalo Av & S Mackinaw Av approx 80 yards south of E 132nd St |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Bad Pole Tops near Transformer 10872441 in alleyway between S Buffalo Av & S Mackinaw Av about 100 yards south of E 134th St |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | At Fuse 10861689 the center phase is open -- located along S Brainard Av between S Carondelet Av & S Houston Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Clearance, Tree wire (insulated wire), in alleyway 50 yards north of E 135th St between S Houston Av & S Baltimore Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Shell rotted pole immediately south of Transformer 10872841[in alleyway 50+ yards north of E 135th St between S Avenue N & S Avenue M] |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, Extreme but with Tree Wire (insulated wire) in Alleyway 20-40 yards south of E 135th St between S Avenue N & S Avenue M |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, Through Locust Tree along north side of Railroad right-of-way road 100 yards south of E 135th St between S Avenue M and alleyway west of S Avenue M |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, in alleyway south of Transformer 11070101, 150 yards south of E 135th St between S Burley Av & S Buffalo Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, S Burley Av and north of E 136th St to alleyway entrance 75 yards north of E 136th St |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact -- Primary in tree at approximately 136th & Branch St; Bare Conductor; Pole # 14570; 12kV --See Picture A2 |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Troubles, contact & clearance, Along E 136th St west from S Burley Av for 50 yards |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Ratty Pole Top at alleyway north of E 136th St between S Burley Av & S Brandon Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Ratty Pole Top at corner of alleyway and S Brainard Av between S Brandon Av & S Baltimore Av |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Tree Contact -- On Chippewa Ave approx 100 yards northwest of Burnham Av & Chippewa; Tree Clearance and Contact; Line was insulated (Tree Wire); through Silver Maple -- See Picture A3 |
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | Missing Phase Wire and Bad Brace -- On Brainard Av approximately 150 yards SE of Brainard Av & Burnham Av |
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | Missing phase wire on roadside phase; north brace (roadside) is bad --See Picture A4 |
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, Locust Tree, along Chippwa Av southeast of intersection with Entre Av |
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, along Chippwa Av northwest of intersection with Entre Av |
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | No Guy Guard, at line turn to cross Chippewa Av at about 50 yards northwest of Entre Ave |
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, Greenbay Av at 75 yards southeast of Entre Av |
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | Missing Guy Guard along Mackinaw St at 75 yards southwest of Greenbay Av |
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | Tree Contact near Transformer 2A6 near intersection of Greenbay and 138th Pl |
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | Tree Contact along 138th PL from east of Transformer 2A4 to west of Transformer 2A3 |

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|-------|--------|-------------------|--------|--|
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, Maple, 138th PL near Transformer 2S4 |
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, through Maple, 138th PL near Transformer 2S7 |
| Z5538 | 12/4kV | Chicago (Hegwish) | 8/6/01 | Tree Contact, 138th PL between Transformers 2A1 & 2T1 |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Brace lose from pole -- On E 134 St approx 485 yards east of S. Avenue K; Brace bolt lose with brace pulled away from pole -- See Picture A5 |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Missing Guy Guard at corner of E 134th St and 1st street east of S Avenue K |
| Z5538 | 12kV | Chicago (Hegwish) | 8/6/01 | Missing Guy Guard on 1st pole north of Transformer 4A5 in Rail Road right-of-way about 300 yards north of Brainard Av |

Notes: * Indicates field picture not included in this report

This summary for the circuit inspected represents typical observations noted by Staff engineers during the field inspection and DOES NOT represent all of the problems or potential problems that may exist on the circuit. In many cases there were portions of the circuit that were not inspected at all. No effort was made to perform a thorough, detailed inspection as may need to be done by the utility.

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Picture A1

Bad Pole top in alleyway south of 131st St. between S Baltimore Av and S Brandon Av



Picture A2

Primary in Tree at approximately 136th and Branch St.



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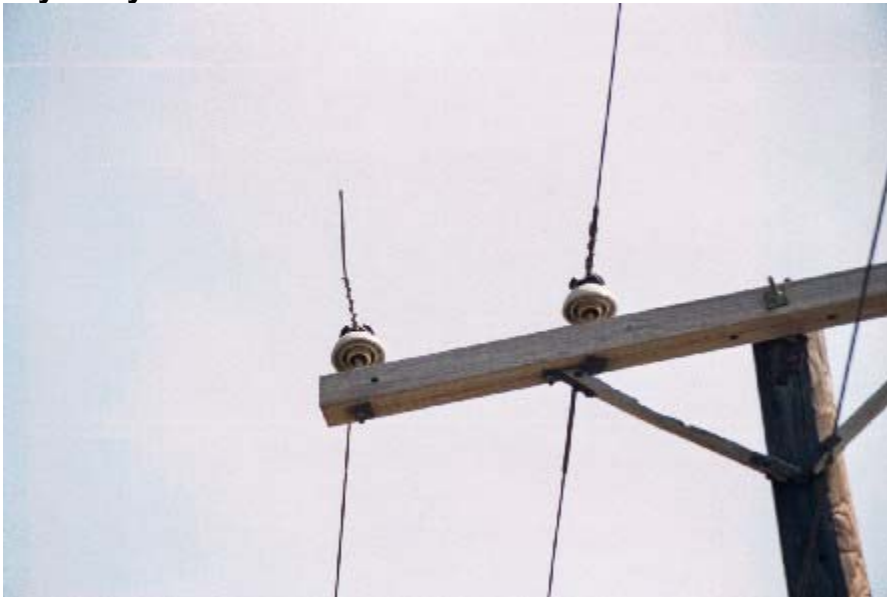
Picture A3

Insulated Line through Silver Maple on Chippewa Ave approximately 100 yards northwest of Burnham Av and Chippewa intersection



Picture A4

Missing Phase Wire and Bad Brace on Road-side (north) at Brainard Av approximately 150 yards southeast of Brainard Av and Burnham Av intersection



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Picture A5

Brace bolt is loose and brace is pulled away from pole on E 134 St approximately 485 yards east of S. Avenue K

